PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER	F POT/104/PS2
	ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
X-15439 International application No.	International filing date (day/month/y	ear) (Earliest) Priority Date (day/month/year)
пкетавона аррисавон но.		
PCT/US2004/035513	08/11/2004	20/11/2003
Applicant		
ELI LILLY AND COMPANY		
This International Search Report has been according to Article 18. A copy is being tra	n prepared by this International Search ansmitted to the International Bureau.	ning Authority and is transmitted to the applicant
This International Search Report consists	of a total of shee	ts.
1 <u> </u>	a copy of each prior art document cite	
Basis of the report a. With regard to the language, the language in which it was filed, unlined.	international search was carried out o less otherwise indicated under this iter	n the basis of the international application in the n.
The international this Authority (Ru		a translation of the international application furnished to
b. With regard to any nucle	otide and/or amino acid sequence d	sclosed in the international application, see Box No. I.
2. X Certain claims were fou	nd unsearchable (See Box II).	
3. Unity of invention is lac	king (see Box III).	
4. With regard to the title,		
X the text is approved as su	ibmitted by the applicant.	
the text has been established	shed by this Authority to read as follow	S:
	-	
5. With regard to the abstract,	ubmitted by the applicant	
Ⅰ 😑 ''	ubmitted by the applicant. shed, according to Rule 38.2(b), by thi	s Authority as it appears in Box No. IV. The applicant
may, within one month from	om the date of mailing of this internation	onal search report, submit comments to this Authority.
6. With regard to the drawings,		
	published with the abstract is Figure N	o
as suggested by		
	is Authority, because the applicant fail	ed to suggest a figure.
as selected by th	is Authority, because this figure better	characterizes the invention.
b. none of the figures is to t	pe published with the abstract.	

Form PCT/ISA/210 (first sheet) (January 2004)

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/035513 A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07C311/08 C07C311/09 C07C309/66 C07C309/65 A61K31/255 A61K31/18 A61P19/08 A61P19/10 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 C07C A61K A61P Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, CHEM ABS Data, BEILSTEIN Data, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Category 9 √US 6 218 430 B1 (ALLEGRETTO ELIZABETH A ET 1 - 29Α AL) 17 April 2001 (2001-04-17) the whole document P.X \wo 2004/048309 A (ELI LILLY AND COMPANY; 1 - 29BUNEL, EMILIO, ENRIQUE; GAJEWSKI, ROBERT, PETER) 10 June 2004 (2004-06-10) the whole document P,X √WO 2004/063345 A (ELI LILLY AND COMPANY; 1 - 29NAGPAL, SUNIL; YEE, YING, KWONG) 29 July 2004 (2004-07-29) the whole document -/--Further documents are listed in the continuation of box C Patent family members are listed in annex Special categories of cited documents 'T' tater document published after the international filing date or pnortly date and not in conflict with the application but cited to understand the pnnciple or theory underlying the 'A' document defining the general state of the art which is not considered to be of particular relevance invention *E* earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled other means *P* document published prior to the international filing date but later than the priority date claimed '&' document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 17 May 2005 25/05/2005 Name and mailing address of the ISA Authorized officer European Patent Office, P.B 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx 31 651 epo nl, Fax: (+31-70) 340-3016

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Slootweg, A

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/035513

Category °	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
valegory *	Chanon of document, with indication, where appropriate, of the relevant passages	netevant to Claim No
A	MASAHIKO INOUYE, TOSHIYUKI MIYAKE, MASARU FURUSYO, HIROYUKI NAKAZUMI: "Molecular recognition of beta-Ribofuranosides by synthetic polypyridine_macrocyclic receptors" J.AM.CHEM.SOC., vol. 117, 1995, pages 12416-12425, XP001206518 the whole document	1-29
A	FING HUANG, JOHN RAMPHAL, JAMES WEI, CONGXIN LIANG, BAHIJA JALLAL, GERALD MCMAHON AND CHO TANG: "Structure-based design and discovery of novel inhibitors of protein tyrosine phosphatases" BIOORGANIC & MEDICINAL CHEMISTRY, vol. 11, 2003, pages 1835-1849, XP001206517 the whole document	1-29
		,

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FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.1

Although claims 21-26 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/comosition.

Continuation of Box II.2

Claims Nos.: 30-32

Claims 30-32 contain no technical features, bur refer rather in a general fashion to the description and as such are unclear.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

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INTERNATIONAL SEARCH REPORT

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)						
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:						
1. X Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:						
Although claims 21-26 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/comosition						
2. X Claims Nos.: 30-32 because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:						
see FURTHER INFORMATION sheet PCT/ISA/210						
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).						
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)						
This international Searching Authority found multiple inventions in this international application, as follows:						
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.						
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.						
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:						
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:						
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.						

Form PCT/ISA/210 (continuation of first sheet (2)) (January 2004)

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/US2004/035513

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
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